IN THE CLAIMS:

In accordance with the Revised Rules under 37 C.F.R. 1.121, please amend the claims as shown below and indicated as "currently amended." Also shown below are claims that may be original, cancelled, withdrawn, previously presented, previously presented, and not entered.

Listing of Claims

1.(currently amended) A one-piece cylindrical seamless master having a~~n~~ seamless integral lightshaping diffuser surface on an exterior surface portion thereof, wherein the cylindrical master defines a longitudinal axis along which it is longitudinally-elongated ~~and is~~being rotatable thereabout and defining an interior, hollow circumferential surface.

2.(canceled)

3.(currently amended) The one-piece cylindrical seamless master of claim 1~~2~~, wherein the hollow seamless master has a radial thickness of about 0.02 inches.

4.(currently amended) The one-piece cylindrical master of claim 1, wherein the master, when rotated about its longitudinal axis, ~~is used to~~can produce a seamless light-shaping diffuser.

5-31 (canceled).

32.(currently amended) A method of making a one-piece hollow cylindrical invertible elastomeric master~~, made by a method~~ comprising~~ the steps of~~:

(1) applying an effective amount of a liquid curable photosensitive medium to an external circumferential surface of an elongated cylindrical member defining a longitudinal axis and rotatable thereabout, and rotating the cylindrical member about its longitudinal axis, for forming ~~substantially~~ along the ~~length and~~ exterior circumferential surface thereof a seamless layer of curable photosensitive medium of substantially uniform radial dimension;

(2) curing the layer of photosensitive medium on the elongated cylindrical member;

(3) ~~subjecting~~ exposing the cured layer of photosensitive medium substantially along the length and exterior circumferential surface thereof to a source of coherent light that has ~~had~~ preselected irregular speckle imparted thereto and rotating the cylindrical member about its longitudinal axis, ~~to expose the photosensitive medium and~~ to produce an associated predetermined irregular speckle pattern in the exposed photosensitive medium ~~substantially~~ along ~~the length and~~ exterior circumferential surface of the photosensitive medium on the cylindrical member ~~in an irregular manner~~, whereupon the exposed photosensitive medium is subsequently able to be developed;

(4) ~~developing the exposed photosensitive medium, for~~ fixing the irregularly exposed areas of the photosensitive medium as physical microstructures in the exposed photosensitive medium;

(5) applying along the ~~length and~~ exterior circumferential surface of the developed photosensitive material an effective amount of a curable elastomeric liquid; ~~and~~

(6) curing the elastomeric liquid, to produce an elongated invertible hollow cylindrical elastomeric member of a predetermined radial dimension that is in intimate contact with the speckle pattern recorded in the photosensitive material, thereby producing in the elastomeric member a seamless light-shaping diffuser surface where the elastomeric member is in intimate contact with the speckle pattern~~, wherein the hollow cylindrical elastomeric member is invertible~~;

(7~~6~~) separating the elongated invertible hollow cylindrical elastomeric member from the developed photosensitive material having the speckle pattern recorded therein, whereupon the invertible hollow cylindrical elastomeric member has the seamless light-shaping diffuser surface substantially along the length and inner circumferential surface thereof; and

(8~~7~~) inverting the hollow cylindrical elastomeric member, for presenting the seamless light-shaping diffuser surface substantially along the length and exterior circumferential surface thereof, thereby producing the hollow cylindrical elastomeric master.

33.(currently amended) The method ~~one-piece hollow cylindrical invertible~~

~~elastomeric master~~ of claim 32, wherein the photosensitive medium ~~has~~ is formed to have a radial thickness of about one-micron to about one hundred microns.

34.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein the photosensitive medium ~~has~~ is formed to have a radial thickness of about thirty-five microns.

35.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein curing of the photosensitive medium is effected by baking said medium at elevated temperature for about forty minutes to about two hours.

36.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein curing of the photosensitive medium is effected by baking said medium at a temperature of about 90 degrees C for about one hour to about two hours.

37.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein curing of the photosensitive medium is effected by baking said medium at a temperature of about 65 degrees C for about one hour.

38.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein the exposed photosensitive medium is developed by contacting said medium with an effective amount of a 10 weight % aqueous developer solution for a period of time ranging from about thirty seconds to about one minute.

39.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein the elastomeric liquid is cured by subjecting said elastorneric liquid to room temperature for a time period of about twenty-four hours.

40.(currently amended) The method ~~one-piece hollow cylindrical invertible elastomeric master~~ of claim 32, wherein the hollow cylindrical elastomeric member ~~has~~ is formed to have a radial thickness of about 1/16 inches to about 1/8 inches.